

I. APPLICABLE STANDARDS/SPECIFICATIONS:
ASME Y14.5M-1994, DIMENSIONING AND TOLERANCING
ASME B46.1-2002, SURFACE TEXTURE
ASME Y14.36M-1996, SURFACE TEXTURE SYMBOLS
ASME Y14.38-2007, ABBREVIATIONS AND ACRONYMS

3. BREAK EDGES .005 - .010 R OR CHAMFER.

5. PRESS ITEM #2 INTO ITEM #1 USING A LC2
(LOCATIONAL CLEARANCE) FIT.

7. BAG COMPONENT USING A POLYETHYLENE BAG.
TAG EXTERIOR OF BAG WITH DRAWING NUMBER
AND TABULATION NUMBER (IF APPLICABLE). USE
.250 HIGH CHARACTERS MINIMUM.

2X .798=1.596

.781

.704

$\varnothing .156^{+.010}_{-.002}$ THRU

$\varnothing .437 \pm .010$ X $\varnothing .320 \pm .010$ X $\varnothing .160 \pm .005$

$\varnothing .005$ A B C

2X R .125±.005

12X R

6X .668±.010 THRU SLOT

$\varnothing .010$ A B C

6X .093±.010 THRU SLOT

$\varnothing .010$ A B C

4X NO.2(.086)-56UNC-2B THRU

$\varnothing .011$ M A B C

1.140±.005

$\varnothing .005$ A B C

1.125

1.600

.563

.625±.005

$\varnothing .005$ A B C

1.904±.005

$\varnothing .005$ A B C

2.000±.005

.005 A

B

4X R .062±.010

2X $\varnothing .125^{+.006}_{-.002}$ THRU

$\varnothing .219^{+.020}_{-.002}$ X $\varnothing .125 \pm .005$ FAR SIDE

$\varnothing .004$ M A B C

.156

.406±.005

.734±.005

1.180

1.425

1.848

1.925±.005

2.475±.005

2.784±.005

2.832±.005

4X R .031±.010

2X R .156±.005

.062±.010

1

1.156

.250±.005

.125±.005

.005

A

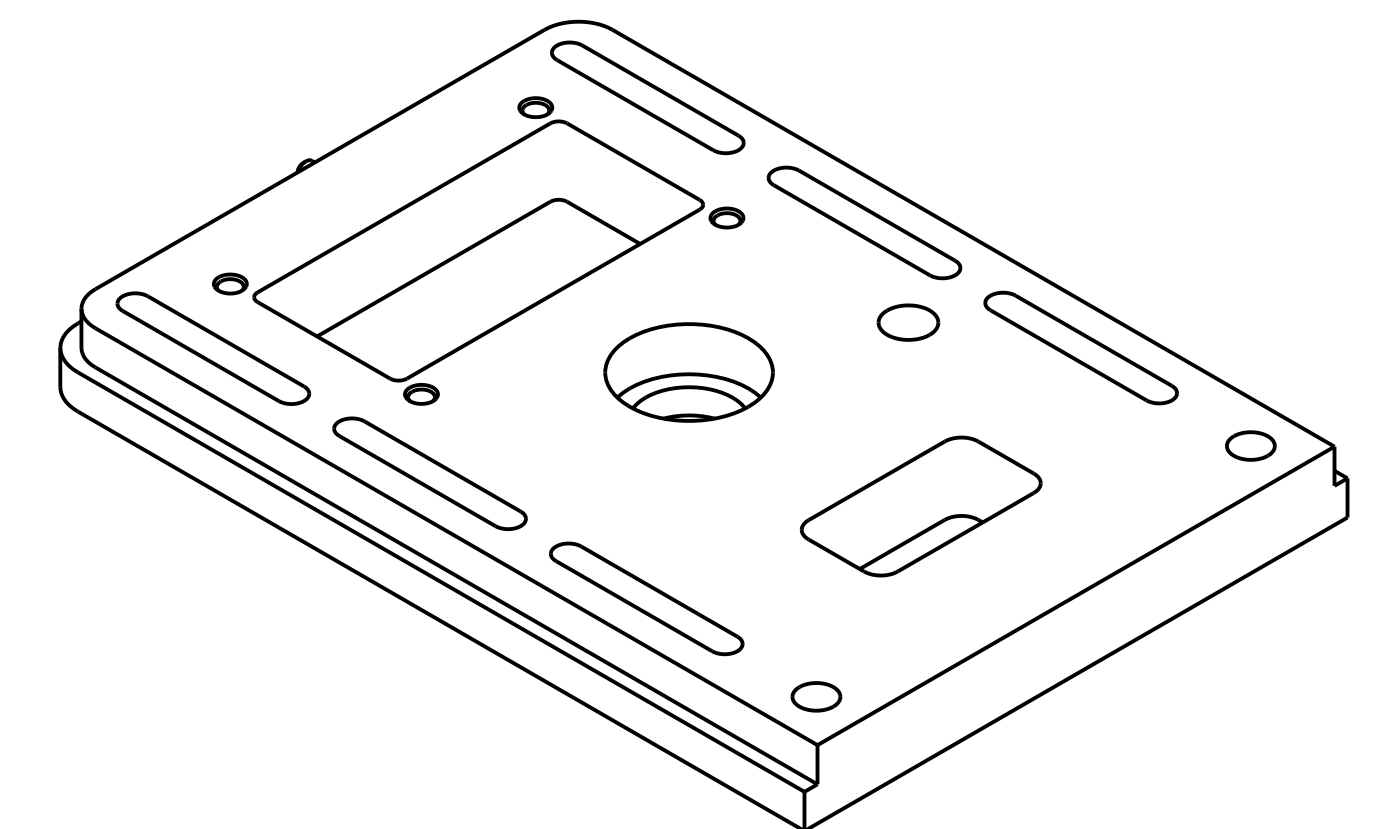
LEVEL 1 DRAWING
"FORM CHECK ONLY"

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1	90145A413	PIN, DOWEL, STANDARD, .062 O.D.
1		SHEET,
QTY REQD	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION/MATERIAL
PARTS LIST		
CLASS		

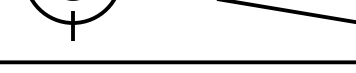
INCH		CONTRACT NO	
THIRD ANGLE PROJECTION			
		APPROVALS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE		DATE	TITLE
DRAWN		9/30/08	



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1	90145A413	PIN, DOWEL, STANDARD, .062 O.D. X .125 L 18-8 SST	MCMASTER-CARR	2
1		SHEET,	BLACK DELRIN	1
QTY REQD	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION/MATERIAL	MATERIAL SPECIFICATION	ITEM NO
		PARTS LIST		

INCH			
THIRD ANGLE PROJECTION		CONTRACT NO	
		 LAWRENCE LIVERMORE NATIONAL LABORATORY LAWRENCE LIVERMORE NATIONAL SECURITY-LLC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		APPROVALS DATE TITLE ORIGINATOR 5/30/08 BENETTI DESIGN 12/05/08 UROME I CHECKED 12/05/08 BENETTI APPROVED BENETTI	
DECIMALS ANGLES $\pm$.004 $\pm$.0005 DO NOT SCALE THIS DRAWING		ASTEP PCR MODULE ASSEMBLY DETECTOR END PLATE	
AAA08-504590 NEXT ASSY USED ON APPLICATIONS		SIZE CASE CODE DWG NO E 14067 AAA08-504164 - AA SCALE NONE SHEET 1 OF 1	
2		STATUS REL 1	